

# James Paschall

## Senior DevOps Engineer

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### PROFESSIONAL SUMMARY

Accomplished Senior DevOps Engineer with over 6 years of experience in automating cloud infrastructure, specializing in AWS and Infrastructure as Code (IaC). Known for optimizing performance, enhancing security, and reducing operational costs by driving innovation and process improvements. Adept at implementing scalable, resilient solutions aligned with business objectives, while streamlining CI/CD pipelines and boosting team productivity. Proven track record in leading cross-functional teams, mentoring engineers, and delivering cost-saving initiatives that maximize efficiency and operational excellence.

### CORE COMPETENCIES

- Automation & Scripting
- Infrastructure as Code (IaC)
- Cloud Architecture & Management (AWS)
- Cross-functional Team Leadership
- CI/CD Implementation
- Troubleshooting & Problem Solving
- Security & Compliance
- Process Optimization
- Mentoring & Knowledge Sharing
- Documentation & Process Improvement
- Network & Systems Administration
- Agile & DevOps Methodologies

### TECHNICAL SKILLS

- **Languages:** HCL, YAML, BASH, Python
- **Tools:** Terraform, Ansible, Jenkins, Docker, Kubernetes, CloudFormation
- **Infrastructure:** IaC, Configuration Management, Virtualization
- **Systems:** Linux, Windows
- **Monitoring Tools:** OpsView, DataDog, CloudWatch, OpsGenie, Nagios
- **Version Control:** Git, GitLab, GitHub, Bitbucket

### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer - DevOps | Karma Automotive | Feb 2024 - July 2024

- Re-architected AWS Terraform infrastructure, transitioning to a modular multi-repo codebase and decoupling 75,000+ lines of code.
- Enhanced deployment speed by 60% through infrastructure optimization.
- Initiated cost-saving measures, removing unused AWS resources, achieving \$3,600 in monthly savings.
- Developed Docker and Kubernetes roadmap, targeting a 20% resiliency improvement.

#### Senior DevOps Engineer | Airbiquity | Mar 2020 - Feb 2024

- Served as Terraform IaC SME, automating scripts to reduce manual effort by 30%, boosting team productivity by 75%.
- Refactored legacy infrastructure, reducing development and deployment times by 50% for faster iterations.

- Championed AWS Organizations implementation, centralizing 23 accounts, resulting in a 75% increase in control and 100% improvement in observability.
- Designed multi-tenancy architecture, scaling from single-tenant to 25+ tenants for improved resource efficiency and scalability.
- Established robust security measures, achieving over 95% compliance with CIS Benchmarks.
- Managed global Linux on-prem servers with a 99.9% SLA for first response and resolution.
- Integrated Single Sign-On (SSO) with Active Directory, migrating from IAM users/policies, improving authentication efficiency and reducing management overhead by 80%.

**Consultant / Developer | Freelance | July 2018 - Mar 2020**

- Enhanced WP site layouts, improving UX and interaction to boost engagement.
- Engineered user-friendly navigation and multi-page subject approaches, elevating readability and accessibility within sites.
- Led SEO enhancements, improving rankings and driving a measurable increase in organic traffic.

**EDUCATION**

**Full Stack Web Development | Coding Dojo, Bellevue**

**Editing | University of Washington, Seattle**